

### **ABSTRACT**

An optical fiber includes a radial axis, a longitudinal axis, a first window surface adapted for receiving pump radiation and transmitting the pump radiation into the optical fiber, a second surface adapted for totally internally reflecting pump radiation received  
5 within the optical fiber, and an active region within the optical fiber for generating radiation at a characteristic wavelength when pumped with pump radiation. A normal direction of the first window surface is not parallel to a direction of the radial axis at the first window surface.

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